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AF/IFW

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July 26, 2005

Mail Stop AF
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application No. 10/607,950

Title: Automatic Drive Adjustment of Ultraviolet Lamps in Photo-Ionization Detectors
Inventors: Wenpeng Hsueh, Weili Yeh, Peter C. Hsi, and Hong T. Sun
Filing Date: June 27, 2003
Examiner: Jeff William Natalini Group Art Unit: 2858
Docket No.: RAE004US

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

1. Return Receipt Postcard;
2. This Transmittal Letter (in duplicate); and
3. Response to Final Office Action (4 pages).

Conditional Petition for Extension of Time

If after the document(s) filed with this transmittal have been considered, an extension of time is required for timely filing of the document(s), an extension of time is hereby requested.

Fees

- No additional fee is required.
 Please charge any additional fees required and credit any overpayment to Deposit Account No. 50-1767.

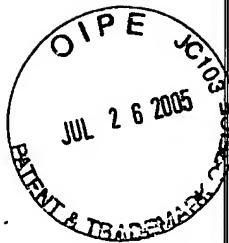
EXPRESS MAIL LABEL NO.:

ED 615 233 436 US

Respectfully submitted,

David T. Millers
Reg. No. 37,396

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants: Wenpeng Hsueh, Weili Yeh, Peter C. Hsi, and Hong T. Sun
Assignee: RAE Systems, Inc.
Title: AUTOMATIC DRIVE ADJUSTMENT OF ULTRAVIOLET LAMPS
IN PHOTO-IONIZATION DETECTORS
Serial No.: 10/607,950 Filing Date: June 27, 2003
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RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

This response to the Office Action dated May 26, 2005, which has a statutorily shortened period for response that ends August 26, 2005, includes:

A listing of the claims presented for further examination; and

Remarks given in reply to the Final Office Action dated May 26, 2005.